

CLAIMS

Sub C1 → A pigment-containing substance for feed additives comprising a microorganism culture precipitate which contains at least 3 mass % carotenoid compounds.

Sub B1 → 2. The pigment-containing substance for feed additives according to claim 1, characterized in that at least 40 mass % of the carotenoid compounds is astaxanthin.

Sub A2 → 3. The pigment-containing substance for feed additives according to claim 1 or 2, characterized in that a DNA nucleotide sequence corresponding to 16S ribosomal RNA of the microorganism in the microorganism culture precipitate has at least 98% homology with the nucleotide sequence as shown in SEQ ID NO: 1.

Sub B3 → 4. The pigment-containing substance for feed additives according to claim 3, characterized in that the microorganism in the microorganism culture precipitate is E-396 strain or a mutant thereof.

Add a2
Add B5 →